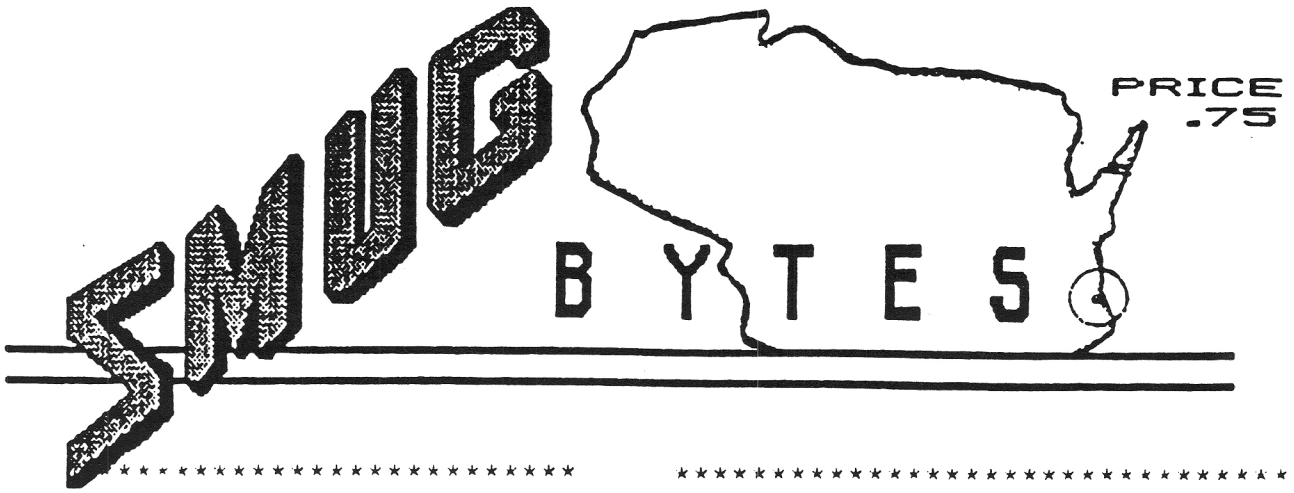

SMUG BYTES
Volume 8, Number 6
June 1991

Subscriptions = $10.00 per year or free with swap. Send to:

SINCLAIR MILWAUKEE USERS GROUP
P.O. Box 101, Butler WI 53007

THIS MONTH:

- *Contest Program*
- *Meeting Notes*
- *The Dayton Computerfest*
- *Presidents Program*
- *And Other Great Things*

If any articles are copied please credit SMUG BYTES and the author.

NEXT MEETING DATE: 07/03/91
SEE YOU THERE

Send all contributions by the 3rd Wednesday of the month to:

Bill Heberlein
Editor
SMUG BYTES
5052 N. 91st Street
Milwaukee WI 53225-4129

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All Area Codes Are 414

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*Hardware - G. Kraemer
Meet-no set date. Call for info.
- 421 0179
*QL - R. Hilsmann
*Meeting 3rd Wednesday of month
- 251 5291
*Spectrum - R. Hilsmann
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NOTE NEITHER ANY AUTHOR OR SMUG BYTES TAKES ANY RESPONSIBILITY FOR ANY HARDWARE MODIFICATIONS TO YOUR EQUIPMENT.

Contest Program

The program I have included in this issue is one I wrote for keeping trak of attendance. The program is set up to use Jan. thru May as months 1-5 & 6-8 are Sep. thru Nov. Each entry will write the month number into the matching record, if found, and rewrite the record. This way each months entries can be updated and saved. For the month of January all records are written with no matching since it starts with a new file. All other months entries are matched against the current file. You are able to list the file to printer or screen. You can sort the file by name, save the file or program, or load the file. I kind of like the menu but to each his own. Well the program will be in three issues and it is written for the QL and is not transferable to the TS2068 because of the disk write and re-writes. Unless you know how to on your system. But the rest should work.

To get a listing of this program I took the basic program, saved on disk, and Imported it into Quill. This is a great way to print your program. It will load the program into Quill for printing, or modifying or whatever. The left margin will be column 1 and the right will be as far right as the program runs. I then change the right margin to 80 and can print it on a standard 8 1/2 x 11 inch paper. You have to go through the listing as some times the line break is confusing and has to be adjusted. The other problem is the number of blank characters in between quotes. " " or ' '. They can be miss counted. But thats life. I hope you enjoy the program or at least parts of it that you can use. Have fun and see what you can do.

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GIGO
OR IN OTHERWORDS
THE MEETING

Well summer is here. There was an absence of members at the meeting. I hope July will be better, but I doubt it. I don't blame you for not wanting to miss any of the warm weather but we do need you at the meetings.

We discussed a few items. The Dayton Computerfest was one and there seems to be a little more enthusiasm for this upcoming event. See the Dayton paragraph for further information.

We discussed the Programming Contest and agreed on the idea of publishing entries. We still haven't received any entries yet but we will.

There were interesting side talks after the meeting. Sorry you could not take part. Well see you in July.

Dayton Computerfest

We received a packet from The Dayton Computerfest. The location of the Hara arena is 1001 Shilo Spring Road. To get there you can take I70 E. to State Route 48. This is just West of I75. Then take 48 South to Shiloh Springs Rd. Then West to the arena. A layout of the tables was include with our, I think, table marked off. If this is true and the Sinclair people are to be together we will be near the ramps. I am assuming that all areas are not on the same level. It appears there are 609 flea market booths and 122 professional booths. This means we, the Sinclair family, will have to make a lot of noise to be noticed. So bring your noisemakers like the Z88, TS2068, QL and TS1000/ZX81. In fact the TS1500 and Z80 would be nice. We, SMUG/Zebra will have two tables but not a lot of members. We may need some of you to help out manning the tables. Deals can be made.

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PRESIDENTS PROGRAM

It is time for the SMARC swapfest and I plan to be there. I hope to have some items for sale and hope there will be customers for my products. But if not I know more will be spent then made. Search these Ham and other swap meets for Sinclair items. You never know just what you will find. Also gets the Sinclair name out and maybe a new member or two. It does happen. Hams still use Sinclair computers.

The program I am putting in the news letter is one I wrote to keep track of attendance for another group but you can break it up into sections for Menus or disk writes or what ever. I hope you can use it or parts of it.

Upcoming computer/ham shows: Swapfest 91. Amer. Legion Post-Oak Creek. Sat. July 6, 1991. SMARC. Hamfest & Computer Expo. Eau Clair WI. Sat. July 27, 1991. $3 at the door. Sat. & Sun. Sept. 21-22 Radio Expo Grayslake Il. $5 in advance $6 at door. Sat. Oct. 5, 1991 Fallfest '91. Greenbay Community Center 8am til ?. $2 at the door.The Kettle Moraine Radio Amateurs Swapfest, Sunday, Oct. 13th, 1991, Waukesha Expo Center. $4-$5 at the door.

Please note all you digitizer's to be out there; we are down to our last few boards. If you were thinking about purchasing one better hurry. We don't plan on having anymore made as the demand has subsided.

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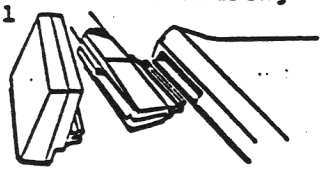

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```
10 REMark Attendence program Bill Heberlein SMUG CONVERSIONS
20 REMark "ATTEND"
25 MODE 8: month=1
26 IF month<1 OR month >8 THEN month =1
27 BORDER 3: PAPER 3: INK 0: CLS #0: CLS #1: CLS #2
30 DIM d$(500,60): GO SUB 1950: w=0
50 c$="JAN=1, FEB=2, MAR=3, APR=4, MAY=5, SEP=6, OCT=7, NOV=8"
60 GO TO 500
400 REMark find month
410 z$="zzz"
420 FOR n=5 TO 54 STEP 7
430 IF c$(n)=month THEN z$=c$(n-4 TO n-2)
450 NEXT n: END FOR n
460 RETurn
500 REMark menu
505 PAPER 5: INK 0: CLS #0: CLS #1: CLS #2: GO SUB 400: BORDER 9,5,7: CLS
510 l=5
520 AT 0,4: PRINT "ATTENDENCE PROGRAM MENU": AT 1,4: PRINT "ADDING the month of
";z$: AT 2,4: PRINT "To make selection move => to      proper line, use arrow up
and     down, then press enter."
530 FOR n=1 TO 12
540 l=l+1: GO SUB 600+(n*10): NEXT n: END FOR n: l=6
545 n=1
546 IF l>17 THEN l=6: n=1: END IF
547 IF l<6 THEN l=17: n=12: END IF
550 AT l,0: FLASH 1: INK 2: PRINT "=>": FLASH 0: GO SUB 600+(n*10): INK 0
555 inky$=INKEY$(0): IF CODE (inky$)=0 THEN GO TO 555: END IF
560 IF CODE(inky$)=(216) THEN AT l,0: PRINT "  ": GO SUB 600+(n*10): l=l+1:
n=n+1: GO TO 546: END IF
570 IF CODE(inky$)=(208) THEN AT l,0: PRINT "  ": GO SUB 600+(n*10): INK 2:
l=l-1: n=n-1: GO TO 546: END IF
580 IF CODE(inky$)=(10) THEN ON n GO SUB 1000, 2000, 3000, 4000, 5000, 6000,
7000, 8000, 11000, 10000, 12000, 14000: GO TO 500: END IF
590 GO TO 555
600 REMark print menu lines
610 AT l,4: PRINT "MONTHLY DETAIL PROCESSING"
615 RETurn
620 AT l,4: PRINT "DISPLAY/PRINT CURRENT LIST"
625 RETurn
630 AT l,4: PRINT "DISPLAY/PRINT DROPPED LIST"
635 RETurn
640 AT l,4: PRINT "LIST ALL WHO MISSED MEETING"
645 RETurn
650 AT l,4: PRINT "SAVE THE PROGRAM"
655 RETurn
660 AT l,4: PRINT "END SESSION"
665 RETurn
670 AT l,4: PRINT "DROP MORE THAN 1 MISS"
```

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```
675 RETurn
680 AT 1,4: PRINT "SORT THE NAMES"
685 RETurn
690 AT 1,4: PRINT "LOAD THE NAMES FILE"
695 RETurn
700 AT 1,4: PRINT "PRINT THE NAMES FILE"
705 RETurn
710 AT 1,4: PRINT "SAVE THE NAMES FILE"
715 RETurn
720 AT 1,4: PRINT "ADJUST MASTER - MENU"
725 RETurn
900 REMark Clear remaining m$ records after dropping and shifting the m$ file.
910 FOR n=w+1 TO 500
920 m$(2, 1 TO 60) = "
"       ==> note 60 blanks <==
930 NEXT n: END FOR n
940 RETurn
1000 REMark MONTHLY DETAIL PROCESSING
1010 BORDER 1: PAPER 1: INK 6: CLS
1020 AT 0,4: PRINT "MONTHLY DETAIL PROCESSING"
1030 AT 2,0: PRINT "  ____________________________________________": AT 4,0: INK 7: PRINT
";c$
1035 AT 10,4: PRINT "Enter M to return to the menu"
1040 PRINT #0,"ENTER MONTH NUMBER"
1045 inky$=INKEY$(0): IF CODE(inky$)=0 THEN GO TO 1045: END IF
1047 r$=inky$
1050 IF inky$<"9" AND inky$>"0" THEN GO TO 1080: END IF
1062 IF inky$="m" OR inky$="M" THEN RETurn : END IF
1065 GO TO 1045
1080 CLS #0: CLS #1: CLS #2: IF inky$="1" THEN month=1: CLS: GO TO 1200: END IF
1081 GO SUB 9200
1082 OPEN_NEW #7,flp2_master
1083 IF CODE (inky$)=CODE (month+1) THEN GO TO 1100: END IF
1084 PRINT #0,"Not a continious month. OK?(Y/N)"
1086 inky$=INKEY$(0): IF inky$=="Y" THEN month=r$: GO TO 1130: END IF
1088 IF inky$=="n" THEN GO TO 1000: END IF
1090 GO TO 1086
1100 month=r$
1120 REMark enter name
1130 CLS #0: CLS #1: CLS #2
1132 PAPER 1: BORDER 9,1,7: INK 6: CLS
1135 GO SUB 1300
1140 IF x$(1, 1 TO 3)="END" THEN w=1: GO SUB 9300: RETurn
1142 REMark match name
1144 GO SUB 1400
1150 IF r$="y" THEN m$(w, 50+month)=month: GO TO 1135: END IF
1190 GO TO 1135
```

```
1200 REMark January
1204 OPEN_NEW #7,flp2_master
1210 w=1: CLS: INPUT "Enter year ie; 1985=85 "; year: CLS: n=0: DIM m$(501,60):
GO SUB 1900
1220 GO SUB 1300
1230 IF x$(1, 1 TO 3)="END" THEN CLS:  GO SUB 9150: RETurn : END IF
1240 GO SUB 1500
1250 GO TO 1220
1300 REMark enter name last, first
1310 DIM x$(1,60): y=1
1320 INPUT #0,"Last name up to 30 characters
xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx       "; x$(1, 1 TO 30)
1325 IF CODE(x$(1, 1))>CODE("Z") OR CODE (x$(1, 2))>CODE("Z") OR CODE
(x$(1,3))>CODE("Z") THEN CLS #0: PRINT #0,"Turn on upper case": GO TO 1310
1330 PRINT x$(1, 1 TO 30)
1335 IF x$(1, 1 TO 3)="END" THEN RETurn : END IF
1336 PRINT #0,"Correct? y/n"
1338 inky$=INKEY$(0): IF CODE (inky$)=(0) THEN GO TO 1338: END IF
1345 IF inky$=="y" THEN GO TO 1360: END IF
1350 IF inky$=="n" THEN GO TO 1320: END IF
1355 GO TO 1336
1360 INPUT #0,"First name up to 20 characters       xxxxxxxxxxxxxxxxxxx
";x$(1, 31 TO 50)
1365 PRINT "     ";x$(1, 31 TO 50)
1370 PRINT #0,"Correct? y/n"
1380 inky$=INKEY$(0): IF CODE(inky$)=(0) THEN GO TO 1380: END IF
1382 IF inky$=="n" THEN GO TO 1360: END IF
1385 IF inky$=="y" THEN RETurn : END IF
1395 GO TO 1380
1400 REMark match to name file
1410 w=0: r$="n"
1420 w=w+1
1430 IF w>500 THEN PRINT #0,"no more room": STOP: END IF
1440 IF m$(w, 1 TO 50)=x$(1, 1 TO 50) THEN r$="y": PRINT "MATCHED": RETurn:
 END IF
1450 IF m$(w, 1 TO 5)="     " THEN r$="n": PRINT "no match": GO SUB 1500:
RETurn : END IF
1460 GO TO 1420
1500 REMark add all if Jan; unmatched if any other month
1540 m$(w, 1 TO 50)=x$(1, 1 TO 50): m$(w, 50+month)=month: m$(w, 59 TO 60)=year:
GO SUB 9100: length=w: w=w+1
1550 RETurn
1600 REMark flag all records with 2 or more missed meetings. will not check for
drop after last entered month.
1605 PAPER 7: CLS: AT 12,5: PRINT "FLAGGING RECORDS TO DROP": n=1
1610 PRINT "Are you sure? y/n"
1615 inky$=INKEY$(0): IF inky$=="Y" THEN GO TO 1620: END IF
1617 IF inky$=="N" THEN RETurn : END IF
1618 GO TO 1615
```

```
1620 m=1: drop=0: FLASH 1: AT 10,7: PRINT "Flagging Them": FLASH 0:
1625 IF m$(n, 1 TO 10)="          " THEN GO TO 1670
1630 IF m>month THEN GO TO 1670: END IF
1640 IF m$(n, 50+m)=" " THEN drop=drop+1: END IF
1650 m=m+1
1660 GO TO 1630
1670 IF drop>1 THEN m$(n, 60)="d": END IF
1680 n=n+1: IF n>500 THEN drop=0: GO TO 1700: END IF
1690 GO TO 1620
1700 REMark rewrite m$ dropping "d in 60" records
1710 w=1: n=1: m=1
1712 BORDER 9,4,7: PAPER 4: INK 0: CLS
1713 AT 15,4: PRINT "Dropping 'd in 60 records'"
1720 IF n>499 THEN GO SUB 900: RETurn : END IF
1730 IF m$(w, 60)="d" THEN d$(m, 1 TO 60)=m$(w, 1 TO 60): m=m+1: GO TO 1760:
 END IF
1750 w=w+1
1760 n=n+1
1770 m$(w, 1 TO 60)=m$(n, 1 TO 60)
1780 GO TO 1720
1800 REMark insert and drop records
1805 STOP
1810 FOR n=500 TO 1 STEP -1
1820 m$(n+1, 1 TO 60)=m$(n, 1 TO 60)
1830 IF m$(n, 1 TO 50)<x$(1, 1 TO 50) THEN m$(n, 1 TO 60)=x$(1, 1 TO 60): m$(n,
50+month)=month: m$(n, 59 TO 60)=year: RETurn : END IF
1840 NEXT n: END FOR n
1850 m$(1, 1 TO 60)=x$(1, 1 TO 60): RETurn
1900 REMark move spaces to m$ or d$
1905 CLS: AT 15,4: PRINT "PREPARING MASTER FILE"
1910 FOR n=0 TO 500
1920 m$(n, 1 TO 60)="
"
1930 NEXT n: END FOR n
1940 RETurn
1950 CLS: BORDER 9,3,7: AT 15,4: PRINT "PREPARING WORK FILE"
1960 FOR n=0 TO 500
1970 d$(n, 1 TO 60)="
"
1980 NEXT n: END FOR n
1990 RETurn
2000 REMark display/list current file
2010 PAPER 6: INK 2: CLS: BORDER 9,6,7
2020 AT 0,3: PRINT "DISPLAY/PRINT CURRENT FILE": AT 2,0: PRINT "TO DISPLAY ON
THE SCREEN ENTER D": AT 3,0: PRINT "TO PRINT TO THE PRINTER ENTER P": AT 4,0:
PRINT "TO RETURN TO THE MENU PRESS M"
2023 AT 1,5: PRINT "Current Month Is ";z$
2030 AT 15,0: PRINT "ENTER TYPE OF LISTING WANTED D/P"
2040 inky$=INKEY$(0): IF inky$="D" OR inky$="d" THEN GO TO 2500: END IF
```

The Sinclair Milwaukee Users Group (SMUG)

We are a not-for-profit group devoted to serving the interests of those who own, use, and/or are interested in the Timex/Sinclair family of computers.

Editor and contact person is:
Bill Heberlein (414) 527 2191.

SMUG maintains a gratis exchange of newsletters with approximately 30 Users Groups across the U.S. and Canada. Clubs not sending newsletters for more than 6 months are removed from our mailing list.

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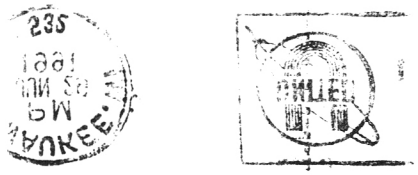

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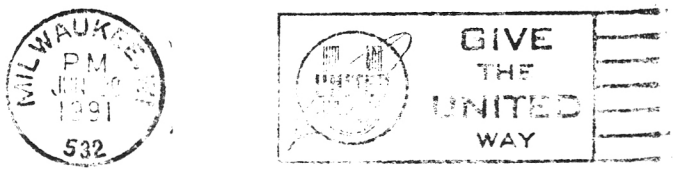

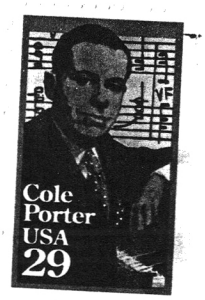

NITE-TIMES NEWS
CATUG Newsletter
613 Parkside Circle
Streamwood , IL
60107

The next meeting of SMUG will be held on:

Wednesday, July 3,1991		
6:00 Set Up	6:30	
7:30 Business Meeting	8:30	
9:00 The Contest	10:30	Clean Up
Wednesday, August 7,1991		
6:00 Set Up	6:30	
7:30 Business Meeting	8:30	
9:00	10:30	Clean Up

Location:
Equitable Savings and Loan,
145th and Capital Drive,
Milwaukee WI